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CLAIMS

1. (currently amended) A method for placing a recording head over a recording media within a rotatable storage device, the method comprising the steps of:

maintaining a plurality of recording heads within the rotatable storage device, wherein each recording head within the plurality of recording heads is individually activated and wherein each of the recording heads is parked when not activated;

determining a required recording head to access a requested data set, wherein the requested data set is stored within the rotatable storage device and wherein the required recording head is a recording head which accesses the requested data set; and

activating only the required recording head to access the requested data set.

2. (currently amended) The method of claim 1, wherein one or more of the recording heads is parked by placement of the one or more recording heads on a load/unload ramp.

3. (currently amended) The method of claim 1, wherein one or more of the recording heads is parked by operating the one or more of the recording heads in a power savings mode.

4. (cancelled)

5. (cancelled)

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6. (currently amended) The method of claim 1, further comprising the steps of:
 - determining a damaged recording surface within the rotatable storage device; and
 - ceasing further use of a recording head that is associated with the damaged recording surface.
7. (currently amended) The method of claim 6, further comprising the step of copying data on the damaged recording surface to another recording surface.
8. (currently amended) A disk drive, comprising:
 - a plurality of recording heads within the disk drive, wherein each recording head within the plurality of recording head is individually activated and wherein each of the recording heads is parked when not activated; and
 - a disk drive controller for determining a required recording head to access a requested data set, wherein the requested data set is stored within the disk drive and wherein the required recording head is a recording head which accesses the requested data set.
9. (currently amended) The disk drive of claim 8, wherein one or more of the recording heads is parked by placement of the one or more recording heads on a load/unload ramp.
10. (currently amended) The disk drive of claim 8, wherein one or more of the recording heads is parked by operating the one or more of recording heads in a power savings mode.
11. (currently amended) The disk drive of claim 8, wherein the disk drive controller further determines a subset of the plurality of recording heads to remain active and activates the subset of the plurality of recording heads.

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12. (currently amended) The disk drive of claim 11, wherein the disk drive controller further determines a subset of the plurality of recording heads to remain active in order to improve data access performance.
13. (currently amended) The disk drive of claim 11, wherein the disk drive controller further determines a damaged recording surface within the disk drive and ceases further use of a recording head that is associated with the damaged recording surface.
14. (currently amended) The disk drive of claim 13, wherein the disk drive controller is further configured to copy data on the damaged recording surface to another recording surface.

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15. (currently amended) A computer readable medium including computer instructions for a disk drive controller, the computer instructions comprising instructions for:

controlling a plurality of recording heads within a disk drive, wherein each recording head within the plurality of recording head is individually activated and wherein each recording head is parked when not activated;

determining a required recording head to access a requested data set, wherein the requested data set is stored within the disk drive and wherein the required recording head is a recording head which accesses the requested data set; and activating only the required recording head to access the requested data set.

16. (currently amended) The computer readable medium of claim 15, wherein one or more of the recording heads is parked by placement of the one or more recording heads on a load/unload ramp.

17. (currently amended) The computer readable medium of claim 15, wherein one or more of the recording heads is parked by operating the one or more of the recording heads in a power savings mode.

18. (cancelled)

19. (cancelled)

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20. (original) The computer readable medium of claim 15, further including computer instructions for:

determining a damaged recording surface within the disk drive; and
ceasing further use of a recording head that is associated with the damaged recording surface.

21. (original) The computer readable medium of claim 20, further comprising instruction for copying data on the damaged recording surface to another recording surface.

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REDACTED CLAIMS

1. (currently amended) A method for placing a recording head over a recording media within a rotatable storage [medium] device, the method comprising the steps of:

maintaining a plurality of recording heads within [a] the rotatable storage [medium] device, wherein each recording head within the plurality of recording heads [may be] is individually activated and wherein each of the recording heads is parked when not activated;

determining a required [transducer] recording head to access a requested data set, wherein the requested data set is stored within the [disk drive] rotatable storage device and wherein the required [transducer] recording head is a [transducer] recording head which [may access] accesses the requested data set; and

activating only the required [transducer] recording head to access the requested data set.

2. (currently amended) The method of claim 1, wherein [a] one or more of the recording heads is parked by placement of [each of] the one or more recording heads [within] on a load/unload ramp.

3. (currently amended) The method of claim 1, wherein [a] one or more of the recording heads is parked by operating the one or more of the [recoding transducer] recording heads in a power savings mode.

4. (cancelled)

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5. (cancelled)
6. (currently amended) The method of claim 1, further comprising the steps of:
determining a damaged recording surface within the rotatable storage [medium] device; and
ceasing further use of a recording head that is associated with the damaged recording surface.
7. (currently amended) The method of claim [4] 6, further comprising the step of copying data on the damaged recording surface to another recording surface.
8. (currently amended) A [rotatable storage medium] disk drive, comprising:
a plurality of recording heads within the disk drive, wherein each recording head within the plurality of recording heads [may be] is individually activated and wherein each of the recording heads is parked when not activated; and
a disk drive controller for determining a required [transducer] recording head to access a requested data set, wherein the requested data set is stored within the disk drive and wherein the required [transducer] recording head is a [transducer] recording head which [may access] accesses the requested data set.
9. (currently amended) The [rotatable storage medium] disk drive of claim 8, wherein [a] one or more of the recording heads is parked by placement of [each of] the one or more recording heads [within] on a load/unload ramp.
10. (currently amended) The [rotatable storage medium] disk drive of claim 8, wherein [a] one or more of the recording heads is parked by operating the one or more of the [recoding transducer] recording heads in a power savings mode.

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11. (currently amended) The [rotatable storage medium] disk drive of claim 8, wherein the disk drive controller further determines a subset of the plurality of recording heads to remain active and activates the subset of the plurality of recording heads.

12. (currently amended) The [rotatable storage medium] disk drive of claim 11, wherein the disk drive controller further determines a subset of the plurality of recording heads to remain active in order to improve data access performance.

13. (currently amended) The [rotatable storage medium] disk drive of claim 11, wherein the disk drive controller further determines a damaged recording surface within the disk drive and ceases further use of a recording head that is associated with the damaged recording surface.

14. (currently amended) The [rotatable storage medium] disk drive of claim 13, wherein the disk drive controller is further configured to copy data on the damaged recording surface to another recording surface.

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15. (currently amended) A computer readable medium including computer instructions for a disk drive controller, the computer instructions comprising instructions for:

controlling a plurality of recording heads within a disk drive, wherein each recording head within the plurality of recording heads [may be] is individually activated and wherein each recording head is parked when not activated; determining a required [transducer] recording head to access a requested data set, wherein the requested data set is stored within the disk drive and wherein the required [transducer] recording head is a [transducer] recording head which [may access] accesses the requested data set; and activating only the required [transducer] recording head to access the requested data set.

16. (currently amended) The computer readable medium of claim 15, wherein [a] one or more of the recording heads is parked by placement of [each of] the one or more recording heads [within] on a load/unload ramp.

17. (currently amended) The computer readable medium of claim 15, wherein [a] one or more of the recording heads is parked by operating the one or more of the [recoding transducer] recording heads in a power savings mode.

18. (original) The computer readable medium of claim 15, further including computer instructions for:

determining a subset of the plurality of recording heads to remain active; and activating the subset of the plurality of recording heads.

19. (original) The computer readable medium of claim 18, wherein the instructions for determining a subset comprises instructions for determining a subset of the plurality of recording heads to remain active in order to improve data access performance.

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20. (original) The computer readable medium of claim 15, further including computer instructions for:

determining a damaged recording surface within the disk drive; and
ceasing further use of a recording head that is associated with the damaged recording surface.

21. (original) The computer readable medium of claim 20, further comprising instruction for copying data on the damaged recording surface to another recording surface.

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